

DATRON Dental

Dental series production with high reliability, speed and precision.

The highly precise and modular concept of the DATRON Dental has been designed for the increasing demands in dental CAD/CAM technology. The DATRON dental milling system is available in modular configuration—so, it can grow and adapt to your changing needs.

The solid and precise mechanical system is based on the technological experience of thousands of installed milling machines and DATRON's 20 years' expertise in high-speed machining with small tools. The massive granite structure guarantees dynamic and time-saving milling and, at the same time, high quality.

The open interface allows smooth integration of all standard dental CAM software solutions.



Benefits:

- Compact and precise 3 to 5-Axis milling machine
- Modular & upgradeable
- Made in Germany — High quality and durability
- Easy-to-use "Open" System
- High-quality machining due to Steel/Granite construction
- High dynamics for short production times
- High RPM for better surface finish and less tool breakage

The open and modular Dental-CAM-System. You have the choice!

The choice is yours: 180° rotary axis with two clamping plates, four axes, wet, dry or even five axes – DATRON Dental CAM systems grow with your requirements.



www.datron.com

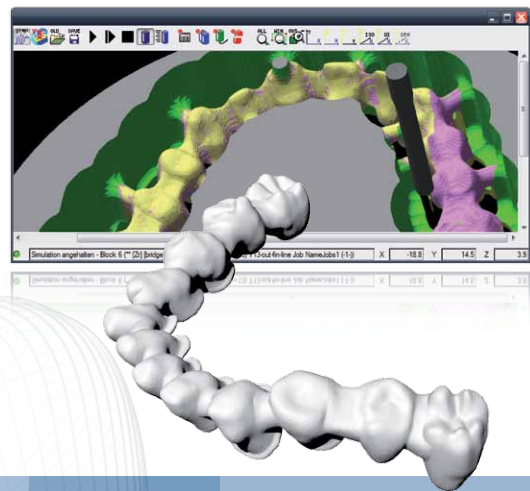
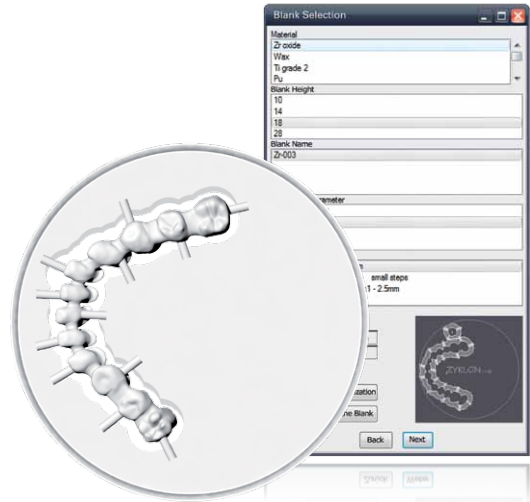
DATRON DentalCAM

Intuitive and open technology

Choose the CAD/CAM solution which suits your application best!

DATRON dental machines work with all standard and open CAD/CAM programs. Benefit: You are free to choose the solution which best suits your production requirements. Compatibility with leading CAD/CAM programs has been thoroughly tested by DATRON. The software offers easy operation even when milling complex bridges, abutments or crowns. Automation functions result in optimized milling programs in a very short period of time.

- CAM strategies for deposited Zirconium, CoCr, Titan, Alloys PMMA, Nano Composites, Wax, Al-Oxide
- Intuitive user interface and many fully-automated functions guaranty reliable and simple operation
- Fully-automated NC task manager guides user through the process — to the finished NC program
- Custom CAM strategies can be generated
- Height optimization of large bridges
- Interfaces with scanners and CAD software through open STL interface.
- Three- to five-axes machining strategies



DATRON Dental Milling Tools

Tailor-made Cutting tools for dental materials

Zirconium Mill

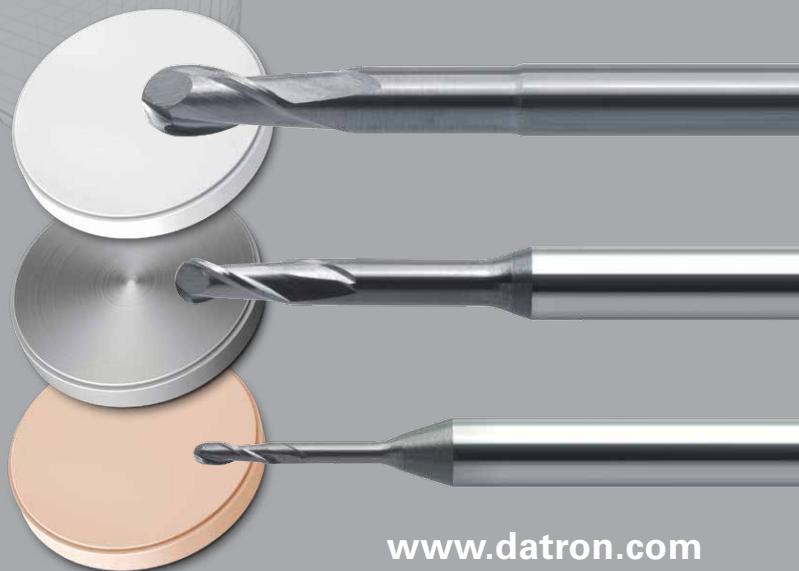
For the machining of unbaked high-performance ceramics such as Zirconium and Aluminium Oxide

CoCr/Titanium Mill

For the machining of CoCr Steels, pure Titanium and Titanium alloys

PMMA/Wax/ Nanocomposite Mill

For the machining of Hightech-Nano-Composite, Acrylic polymer and wax blanks



www.datron.com